DAG2000-16FXS VoIP Analog Access Gateway

Overview

DAG2000-16FXS analog gateway are versatile IP-based voice and fax gateway. For small business, the family office, remote office and branch business provide a low cost, simple operation VoIP solutions. Connected analog phone, fax, PBX with standard voice interface and provide quality voice service. DAG2000-16FXS VoIP access gateway use standard SIP protocol and compatible with Leading IMS/NGN platform, IPPBX and SIP servers.

Product Pictures

Key benefits

- Support SIP/MGCP
- Primary/Backup SIP Servers
- Flexible Routing and Manipulation
- Support Modem/POS
- Elastix/Broadsoft Certification

- Support IPv4 and IPv6
- Data/ Voice/ Management VLAN
- SNMP/TR069/Provision
- Cloud-based Management System and Bandwidth Optimization

The Gateway to VoIP World

Decade Focused
Creates the High-quality Goods

Physical Interfaces

- Phone Interface: 16FXS, RJ-11
- Ethernet Interface:
  4* RJ-45 10/100Mbps, RJ-45

Voice & Fax

- G.711A/U law, G.723.1,
  G.729A/B,G.726,iLBC,AMR
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Hook Flash
- Programmable Gain Control
- T.38/Pass-through, up to 14.4kbps
- Modem/POS
- DTMF mode:
  Signal/RFC2833/INBAND

FXS Port

- Connector: RJ11
- Dial Mode: DTMF and Pulse
- Pulse: 10 and 20 PPS
- Caller ID: DTMF/FSK
- Max Cable Length: 5KM
- Reversed Polarity

Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- IMS/3GPP
- SDP (RFC 2327)
- REFER (RFC 3515)
- RTP/RTCP (RFC 1889,1890)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- TFTP/HTTP/HTTPS
- DNS/DNS SRV (RFC 1706/RFC 2782)
- VLAN 802.1P/802.1Q

Supplement Service

- Call Waiting
- Blind Transfer
- Attend Transfer
- Call Pickup
- Call Forward on Busy
- Call Forward on No Reply
- Unconditional Call Forward
- Hotline
- Call Hold
- DND
- 3-way conference
- Voicemail

Call & Route

- Port Group
- IP Trunk
- Primary and Secondary SIP Account
- 32 Inbound/Outbound Routing
- Number Manipulation
- Digitmap

Network Features

- Static IP, PPPoE, DHCP Client
- IPv4, IPv6
- Static/dynamic ARP
- Traffic Shaping
- Voice/Data/Management VLAN
- DIFFServ, ToS

Environment

- Power Supply:100-240V,50-60Hz

  Power Consumption: 35W

  Temperature(Operation): 0 ℃ ~ 45 ℃

  　　　　　(Storage):   -20 ℃ ~80 ℃
- Humidity: 10%-90% No condensation

Homologation

- CE,FCC
- Elastix / Broadsoft

Maintain & Upgrade

- SNMP/TR069
- Auto Provisioning
- Web/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via WEB/TFTP
- Syslog and CDR
- Access Rule List
- Network Capture
- Outward Test(GR909)
- Automatic Time Synchronization
- IVR local Maintenance
- Cloud-based Management

Dimension & Weight
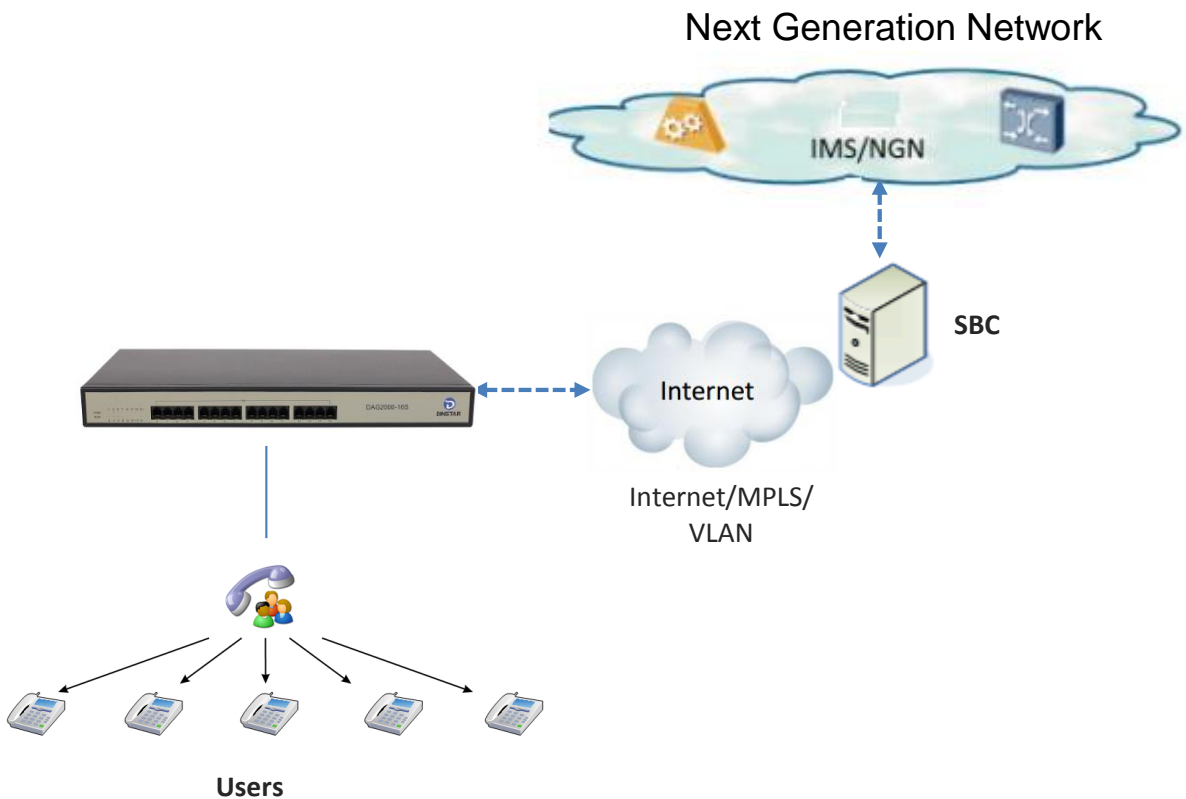
- 440(L)×230(W)×44(H)mm 2.7kg

Packing Content

- Gateway
- Power Cable
- Network Cable
- Ground Cable
- User's Manual CD

The Gateway to VoIP World

System Application

Next Generation Network

Internet/MPLS/
VLAN

SBC

Users

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